

Converting Colors

Yxy(53.1188, 0.3725, 0.3862)

Have a look what the booklet for
Yxy(53.1188, 0.3725, 0.3862)
contains.

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Color

Yxy(53.2270, 0.3727, 0.3865)

Conversions

Conversions Part 1

Format	Color
Hex	D7BE8E
RGB	215, 190, 142
RGB Percent	84%, 75%, 56%
CMY	0.1568, 0.2549, 0.4431
CMYK	0.00, 0.12, 0.34, 0.16
HSL	39°, 48%, 70%
HSV	39°, 34%, 84%
XYZ	51.3265, 53.2270, 33.1619
YIQ	192.0030, 30.3080, -9.6280

Conversions

Conversions Part 2

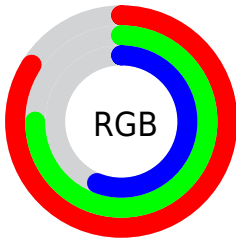
Format	Color
R_{YB}	180, 215, 142
Decimal	14139022
CIE Lab	78.01, 1.96, 27.52
CIE LCh	78, 27.591, 85.936
Yxy	53.2270, 0.3727, 0.3865
Android (android.graphics.Color)	4292329102 (0xFFD7BE8E)
YUV	192.0030, -24.6515, 20.1684
Hunter-Lab	72.9568, -2.0963, 24.1201

Details

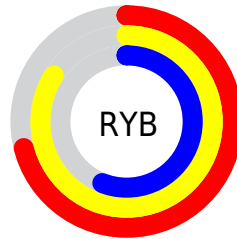
The Yxy color **53.2270, 0.3727, 0.3865** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **38.3107, 0.2564, 0.2637**, and the grayscale version is **52.8506, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.1571, 0.3496, 0.3787**, and **26.0176, 0.3882, 0.4019** is the 20% darker color. If you saturate the color by 10%, you get **49.5318, 0.3934, 0.4034**, and if you desaturate by 10%, it is **57.2132, 0.3532, 0.3691**.

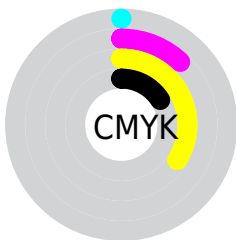
Distribution



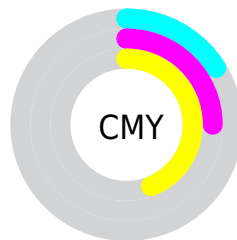
- Red (84%)
- Green (75%)
- Blue (56%)



- Red (71%)
- Yellow (84%)
- Blue (56%)



- Cyan (0%)
- Magenta (12%)
- Yellow (34%)
- Black (16%)





- Cyan (16%)
- Magenta (25%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.2270, 0.3727, 0.3865 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 53.2270, 0.3727, 0.3865 by changing the saturation by 10% instead.


 53.2270, 0.3727,
0.3865


 53.2270, 0.3727,
0.3865


399.1554, 0.3436,
0.3588

 37.9840, 0.3796,
0.3930


 94.9383, 0.3624,
0.3767

 25.9703, 0.3882,
0.4011


 122.1754, 0.3584,
0.3730

 16.8014, 0.3993,
0.4113


154.1794, 0.3550,
0.3698

 10.0930, 0.4138,
0.4246

191.3346, 0.3521,
0.3670

 5.4607, 0.4333,
0.4421

234.0254, 0.3496,
0.3646

 2.5200, 0.4739,
0.4792

282.6362, 0.3473,

 0.8866, 0.5013,

0.3624

0.4987

337.5514, 0.3454,
0.3605

0.0000, 0.0000,
0.0000

53.2270, 0.3727,
0.3865

53.2270, 0.3727,
0.3865

49.5318, 0.3934,
0.4034

57.2132, 0.3532,
0.3691

46.1107, 0.4149,
0.4189

61.4920, 0.3351,
0.3519

42.9558, 0.4361,
0.4320

66.0742, 0.3187,
0.3353


40.0558, 0.4563,
0.4414

70.9678, 0.3040,
0.3197

37.3978, 0.4742,
0.4462


76.1804, 0.2909,
0.3050


 34.9667, 0.4890,
0.4459

 80.6439, 0.2880,
0.3073

 33.5941, 0.4967,
0.4438

 84.9341, 0.2883,
0.3151

 89.4012, 0.2886,
0.3227

 93.1912, 0.2889,
0.3289

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



53.2270, 0.3862, 0.3632



53.2270, 0.3727, 0.3865



53.2270, 0.3432, 0.3953

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



53.2270, 0.3727, 0.3865



53.2270, 0.2507, 0.3188



53.2270, 0.3155, 0.2816

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



53.2270, 0.3727, 0.3865



38.3107, 0.2564, 0.2637

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



53.2270, 0.2800, 0.2697



53.2270, 0.3727, 0.3865



53.2270, 0.2442, 0.2887

Square

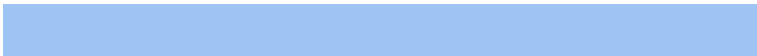
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



53.2270, 0.3727, 0.3865



53.2270, 0.2730, 0.3547



53.2270, 0.2546, 0.2718



53.2270, 0.3522, 0.3043

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



53.2270, 0.3727, 0.3865



53.2270, 0.3189, 0.3901



53.2270, 0.2546, 0.2718



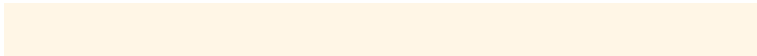
53.2270, 0.3030, 0.2762

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



53.2295, 0.3727, 0.3865



93.0140, 0.3286, 0.3454



36.6102, 0.3640, 0.2979



19.7066, 0.3310, 0.3478



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



53.2295, 0.3727, 0.3865



74.2230, 0.3880, 0.3992



63.4159, 0.3548, 0.4158



13.7697, 0.3275, 0.3443



20.2918, 0.4953, 0.4449



1.3751, 0.4789, 0.4580

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



38.3107, 0.2564, 0.2637



48.9870, 0.2431, 0.2464



31.0242, 0.2607, 0.2306



12.6978, 0.2982, 0.3132



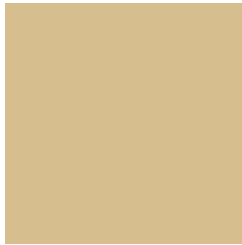
6.0183, 0.1643, 0.1114



0.5147, 0.1741, 0.1465

Previews

White Background



This preview shows how the Yxy color 53.2270, 0.3727, 0.3865 looks on a white background.

Color Contrast Check

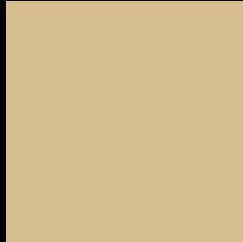
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 53.2270, 0.3727, 0.3865 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.2270, 0.3727, 0.3865

Background



This preview shows how black text looks on a background with the Yxy color 53.2270, 0.3727, 0.3865.



This preview shows how white text looks on a background with the Yxy color 53.2270, 0.3727, 0.3865.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

53.2270, 0.3727, 0.3865

Protanopia

53.3885, 0.3637, 0.3902

Deuteranopia

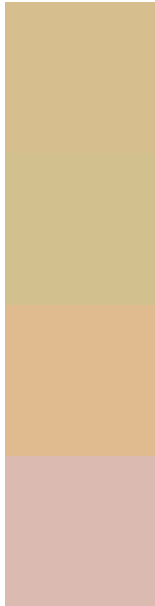
53.1751, 0.3855, 0.3775



Tritanopia

53.2703, 0.3339, 0.3130

Trichromacy



Original Color

53.2270, 0.3727, 0.3865

Protanomaly

53.3841, 0.3667, 0.3885

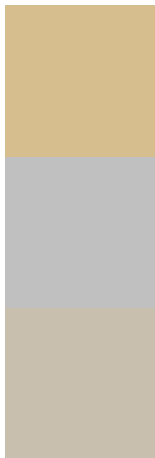
Deuteranomaly

53.2118, 0.3802, 0.3806

Tritanomaly

53.3522, 0.3483, 0.3397

Monochromacy



Original Color

53.2270, 0.3727, 0.3865

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.5970, 0.3334, 0.3501

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.2270, 0.3727, 0.3865 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(215, 190, 142)` looks like.

```
.text, #text, p{  
    color:rgb(215, 190, 142)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(215, 190, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 190, 142) }
```

Border

The CSS property to change the border of an element to Yxy 53.2270, 0.3727, 0.3865 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(215, 190, 142) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(215, 190, 142) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(215, 190, 142) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 190, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 190, 142);  
box-shadow:4px 4px 4px 4px rgb(215, 190,  
142) }
```


Background

The CSS property to change the background color of an element to Yxy 53.2270, 0.3727, 0.3865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 190, 142) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(215,  
190, 142) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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